

DSC-T110/B

Sleek camera w/3" Touch Screen

You don't just take a picture with the Sony® Cyber-shot® DSC-T110 camera. Capture wider scenes with the 25mm wide angle lens, take the guesswork out with features like iAuto and Optical SteadyShot™ image stabilization and with a 3" touch screen, Sweep Panorama? mode, and HD movie, with DSC-T110 the best shot is just a click away.

- **3.0" (230K dots) Clear Photo LCD Plus™ touch screen LCD**
A large 3.0" (230K dots) Clear Photo LCD Plus™ touch screen LCD makes it easy for viewing and sharing images with simple and fun touch operation.
- **Sweep Panorama™ mode**
Reach beyond the traditional wide angle lens, and capture more breathtaking shots with Sweep Panorama™ mode. Simply press the shutter button and sweep the camera in the desired direction and the camera continuously shoots at a high speed, then seamlessly stitches the images together with automatic position adjustment to create one stunning panoramic image. Available in wide and ultra-wide options, the camera can take panoramic shots of up to 248 degrees. Now capturing wide landscapes is as easy as press and sweep.
- **720p MP4 HD Movie Mode**
In 720p MP4 movie mode the camera shoots 1280 x 720 high definition movies at 30 fps, a standard format when working with a PC.⁵ Users will create high quality movies with full use of optical zoom in in files small enough to transfer to a compatible PC or Mac® computer. Once transferred to your computer and connected to the internet, you can effortlessly upload your media to popular photo and video-sharing websites such as Photobucket® and YouTube™. (Compatible computer with internet capability required)
- **Carl Zeiss® Vario-Tessar® Lens with 25mm wide angle and 4x Optical Zoom**
The high-performance Carl Zeiss® Vario-Tessar® 4x optical zoom lens brings distant subjects closer for video recording as well as for outdoor, sports, and travel photos, and Close Focus shoots close-ups within a 1/2" of the subject. A wide angle of 25mm equivalent wide-angle lens allows you to take wider shots of the scene or group in crowded spaces.
- **Optical SteadyShot™ image stabilization**
Optical SteadyShot™ image stabilization uses a built-in gyro sensor to detect camera shake and automatically shifts the lens to help prevent blur without sacrificing image quality.
- **Intelligent Auto (iAuto) mode**
Unlike traditional auto mode, Intelligent Auto (iAuto) mode thinks for you, recognizing scenes, lighting conditions, faces, and adjusts settings resulting clear images, faces with natural skin tone and less blur. Take advantage of all the technology without leaving Auto mode. Kids on the playground, landscape shots, a beautiful flower or an indoor birthday party; all result in clear images without leaving auto mode.
- **Soft Skin mode**
Portrait subjects will love the results. Soft Skin mode recognizes skin tones and reduces the appearance of blemishes and wrinkles without affecting the rest of the shot.
- **Natural Flash**
Conventional point-and-shoot camera flash shots just don't capture colors the way the eye sees them. Natural Flash mode takes a reference shot without flash and then uses that reference to correct the color, for far more lifelike images.
- **Self-Portrait Timer**
Self-Portrait Timer helps take the guesswork out of self portraits by utilizing Face Detection technology to recognize when a face enters the frame. Once the camera detects a face, it triggers a 2-second timer, and then snaps a picture.
- **In camera guide**
Take all the guesswork out of photography with the in camera guide. Its convenient step by step instructions lead to a perfect shot.
- **Smile Shutter™ technology**
Smile Shutter™ technology captures a smile the moment it happens. Simply press the Smile Shutter™ button and the camera does the rest. You can also select adult and child priority and indicate the degree of Smile Detection Sensitivity. Intelligent Scene Recognition can be used together with Smile Shutter™ mode. This means that beautiful smiles can be captured with settings optimized for the particular scene, even in difficult conditions such as twilight and backlighting.
- **Face Detection technology**
Sony's Face Detection technology can automatically distinguish between children and adults. Face Detection technology detects up to eight individual faces and adjusts flash, focus, exposure, and white balance to help deliver crisp, properly lit images of family and friends.
- **Motion Detection**
Motion Detection, along with Face Motion Detection adjusts ISO sensitivity and increases the shutter speed when movement is detected, reducing blur in moving subjects and faces.

ADDITIONAL FEATURES

- Anti-blink Function
- TransferJet™ technology
- High Sensitivity Mode (ISO 3200)
- Stylish Ultra-slim Design
- Creative painting tools
- Intelligent Scene Recognition (iSCN) Mode
- Includes Sony® PMB (Picture Motion Browser) Software ver. 5.5



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Specifications

Convenience Features

Power Save Mode: Standard / Stamina / Off
 Media/Battery Indicator: Yes / Yes
 Red-Eye Reduction: Auto / On / Off
 Erase/Protect: Erase: Single / Select / Date /
 Folder, Protect: Single / Select / Date / Folder

Inputs and Outputs

HD Output: Component (Type3)

LCD Display

Histogram: No
 LCD Type: 3.0" Clear Photo? LCD Plus (230K dots)
 with touchscreen interface
 Grid Display: Yes (Off / On)
 Angle Adjustment: No
 Brightness Control: Normal / Bright / Auto Bright

Flash

Flash Coverage: ISO Auto: Approx. 0.08-Approx.
 2.8m (Approx. 0.26'-Approx. 9.18') (W)
 / Approx. 0.5-Approx. 2.3m (Approx. 1.64'-
 Approx. 7.54') (T), ISO3200: up to Approx. 5.6m
 (Approx. 18.4') (W) / Approx. 4.6m (Approx.
 15.1') (T)
 Flash Modes: Auto / Flash On / Slow Synchro /
 Flash Off

Viewfinder

Type: None
 Diopter Adjustment: No

Optics/Lens

Aperture: iAuto (F3.5-F6.3 (W)) / Program Auto
 (F3.5-F6.3 (W))
 Filter Diameter: No
 Smart Zoom® Technology: 10M: Approx. 5.1x
 (Total), 5M: Approx. 7.1x (Total), VGA: Approx.
 28x (Total), 16:9 (2M): Approx. 9.6x (Total)
 Digital Zoom: Smart Zoom / Precision Digital
 Zoom / Off
 Optical Zoom: 4x
 Minimum Focus Distance: iAuto(W:~1cm(0.39") to
 Infinity, T:~50cm(1.64') to Infinity)/Program
 Auto(W:~8cm(0.26') to Infinity, T: ~50cm(1.64')
 to Infinity)
 Focal Length (35mm equivalent): Still 16:9: 27-
 108mm / Still 4:3: 25-100mm / Movie 16:9: 27-
 108mm / Movie 4:3: 33-132mm
 Lens Construction: 12 elements in 10 groups
 (including 6 aspheric elements, 1 prism)
 Lens Type: Carl Zeiss® Vario-Tessar®
 Aperture (Max.): F3.5 (W)-4.6 (T)
 Aspheric Elements: 6

Power

Battery Type: LITHIUM ION NP-BN1 3.6V
 Battery Capacity: typical: 2.3Wh (630mAh),
 minimum: 2.2Wh (600mAh)
 Power Consumption (in Operation): Approx. 1.0W
 Number of Still Images: 230
 Power Requirements: Battery charger: AC 100V to
 240V, 50/60 Hz, 2W

Software

Supplied Software: Windows®: PMB (Picture
 Motion Browser) Ver. 5.5, PMB Portable

Advanced Features

Image Stabilization: Optical SteadyShot™
 Image Stabilization

In-Camera Editing: Trimming / Red Eye
 Correction / Unsharp Masking
 Face Detection: 8 Faces (Auto / Touch - Selected
 Face Memory / Child Priority / Adult Priority)
 Anti Motion Blur: No
 Background Defocus: No
 Blink Detection: Yes
 Dustproof: No
 Embedded GPS: No
 Intelligent Auto: Yes
 Shockproof: No
 Smile Shutter™ technology: Yes
 Superior Auto: No
 Sweep Panorama: Sweep Panorama /
 Underwater Sweep Panorama
 Tracking Focus: Yes (Face Only)
 Waterproof: No
 Shooting Tips: Yes

Drive System

Burst Mode: Approx 1 fps at 16.1MP (Maximum 3
 shots)
 Self-timer: Off / 10sec. / 2sec. / portrait1 /
 portrait2
 Shutter Speeds: iAuto (2" - 1/1,600) / Program
 Auto (1" - 1/1,600)

Interface

PictBridge Compatible: No
 TransferJet: Send: Yes (Single / Select ,
 U2/CEH/CN1 Version) / Receive: Yes
 (U2/CEH/CN1 Version)
 SD Output: Yes
 USB Port(s): Yes - Multi Use Terminal
 Memory Card Slot: MS Duo and SD/SDHC/SDXC
 Compatible
 Party Shot Compatible: No

Imaging Sensor

Processor: BIONZ™
 Imaging Sensor: 1/2.3" (7.75 mm) Super HAD
 CCD
 Effective Picture Resolution: 16.1MP
 Pixel Gross: 16.4MP
 Color Filter System: RGB primary color filters

Exposure System

D-Range Optimizer: Standard / Plus / Off
 ISO: Auto / 80 / 100 / 200 / 400 / 800 / 1600 /
 3200
 Noise Reduction: Clear RAW NR / NR Slow Shutter
 Scene Mode(s): High Sensitivity / Twilight /
 Twilight Portrait / Soft Snap / Landscape /
 Beach / Snow / Fireworks / Hi-Speed Shutter /
 Underwater / Gourmet / Pet / Soft Skin
 White Balance Mode: Auto / Daylight / Cloudy /
 Fluorescent 1 (White Fluorescent Lighting) /
 Fluorescent 2 (Natural White Fluorescent
 Lighting) / Fluorescent 3 (Day White Fluorescent
 Lighting) / Incandescent / Flash / One Push,
 Underwater: Auto / Underwater1 /
 Underwater2 / One Push
 Exposure Compensation: Plus / Minus 2.0EV, 1 /
 3EV step
 Metering Modes: Multi Pattern / Center Weighted /
 Spot

Recording

Media Type: optional "Memory Stick Duo" (No
 movie recording), optional "Memory Stick PRO
 Duo" (Mark 2 only for movie recording),
 optional "Memory Stick PRO-HG Duo",
 optional SD Memory Card (Class 4 or higher),
 optional SDHC Memory Card (Class 4 or
 higher), optional SDXC Memory Card (Class 4
 or higher)
 Microphone/Speaker: Mono / Mono
 Still Image Max Effective Resolution: Approx. 16.1
 Megapixels
 Video Mode: 1,280 x 720 (Fine) Approx 9Mbps
 Approx 30fps, Progressive
 1,280 x 720 (Standard) Approx 6Mbps Approx
 30fps, Progressive
 640 x 480 (VGA) Approx 3Mbps Approx 30fps,
 Progressive
 Panorama Still Image Size: 7,152 x 1,080
 (248deg) / 4,912 x 1,080 (170deg) / 4,912 x
 1,920 (170deg) / 3,424 x 1,920 (119deg)
 Still Image Size 16:9: 12M (4,608 x 2,592) / 2M
 (1,920 x 1,080)
 Still Image Size 4:3: 16M (4,608 x 3,456), 10M
 (3,648 x 2,736), 5M (2,592 x 1,944), VGA (640 x
 480)
 Video Format: MP4 / MPEG-4 Visual
 Sweep Multi Angle Image Size: No
 Still Image Mode: JPEG
 Still Image Size 3:2: No
 Photo Capture from Movie: No
 Dual Record: No
 Audio Format: MPEG-4 AAC-LC

Focus Control

AF Illuminator: Auto / Off
 AF Modes: 9 points AF (Under Face Undetected) /
 Center Weighted AF / Spot AF / Flexible Spot AF
 (touch)

Dimensions

Weight: 4.3 oz. (121g)
 Measurements: W x H x D: 3 3/4" x 2 1/4" x
 1 1/16" (93.0mm x 55.6mm x 16.8mm)

Supplied Accessories

Battery (NP-BN1)
 Battery Charger (BC-CSN)
 Multi Connector Cable
 Paint Pen
 Wrist Strap

Color: Black
 UPC Code: 027242813366

1. PMB requires Microsoft® Windows® XP SP3 / Windows Vista
 ® SP2/Windows 7 environments not supported. Not supported by
 Mac OS®
2. Uploading directly to the web requires PMB Portable for Windows or
 Mac software, USB cable (included), and PC with internet
 connectivity. Windows® XP SP3 64-bit and Starter Edition and
 Windows Vista® Starter Edition environments not supported.
3. Movie recording is limited to 29 minute segments.
4. TransferJet™ enabled media (sold separately) and TransferJet
 technology required in both devices. Interoperability and
 compatibility among TransferJet™ enabled devices may vary.
5. HD Viewing requires an HD output adapter cable (VMC-MD3 sold
 separately) and compatible HDTV.

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